

DOCKET NO.: RTS-0348

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Form PTO-1449 Modified		Docket No. RTS-0348	Serial No. not yet assigned
List of Patents and Publications Cited by Application (Use several sheets if necessary)		Applicant C. Frank Bennett et al.	
		Filing Date herewith	Group
U.S. Department of Commerce Patent and Trademark Office			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
✓	AA	Brown et al., Phosphatidylinositol 4,5-bisphosphate and Arf6-regulated membrane traffic, J. Cell Biol., 2001, 154:1007-1017	
✓	AB	Chatah et al., G-protein-coupled receptor activation induces the membrane translocation and activation of phosphatidylinositol-4-phosphate 5-kinase I alpha by a Rac- and Rho-dependent pathway, J. Biol. Chem., 2001, 276:34059-34065	
✓	AC	Divecha et al., Interaction of the type Ialpha PIPkinase with phospholipase D: a role for the local generation of phosphatidylinositol 4, 5-bisphosphate in the regulation of PLD2 activity, Embo J., 2000, 19:5440-5449	
✓	AD	Honda et al., Phosphatidylinositol 4-phosphate 5-kinase alpha is a downstream effector of the small G protein ARF6 in membrane ruffle formation, Cell, 1999, 99:521-532	
✓	AE	Ishihara et al., Cloning of cDNAs encoding two isoforms of 68-kDa type I phosphatidylinositol-4-phosphate 5-kinase, J. Biol. Chem., 1996, 271:23611-23614	
✓	AF	Ishihara et al., Type I phosphatidylinositol-4-phosphate 5-kinases. Cloning of the third isoform and deletion/substitution analysis of members of this novel lipid kinase family, J. Biol. Chem., 1998, 273:8741-8748	
✓	AG	Itoh et al., Autophosphorylation of type I phosphatidylinositol phosphate kinase regulates its lipid kinase activity, J. Biol. Chem., 2000, 275:19389-19394	
✓	AH	Loijens et al., Type I phosphatidylinositol-4-phosphate 5-kinases are distinct members of this novel lipid kinase family, J. Biol. Chem., 1996, 271:32937-32943	
✓	AI	Mejillano et al., Regulation of apoptosis by phosphatidylinositol 4,5-bisphosphate inhibition of caspases, and caspase inactivation of phosphatidylinositol phosphate 5-kinases, J. Biol. Chem., 2001, 276:1865-1872	
EXAMINER		DATE CONSIDERED	

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10/003354  
12/06/01

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
<i>JP</i> ✓	AJ	Tolias et al., Pathways for phosphoinositide synthesis, Chem. Phys. Lipids, 1999, 98:69-77	
	AK	Tolias et al., Type I phosphatidylinositol-4-phosphate 5-kinases synthesize the novel lipids phosphatidylinositol 3,5-bisphosphate and phosphatidylinositol 5-phosphate, J. Biol. Chem., 1998, 273:18040-18046	
	AL	Weernink et al., Control of cellular phosphatidylinositol 4,5-bisphosphate levels by adhesion signals and rho GTPases in NIH 3T3 fibroblasts involvement of both phosphatidylinositol-4-phosphate 5-kinase and phospholipase C, Eur. J. Biochem., 2000, 267:5237-5246	
	AM	Xie et al., Assignment of type I phosphatidylinositol-4-phosphate 5-kinase (PIP5K1A) to human chromosome bands 1q22--&gt; q24 by in situ hybridization, Cytogenet. Cell. Genet., 2000, 88:197-199	
	AN	Yamamoto et al., Phosphatidylinositol 4,5-bisphosphate induces actin stress-fiber formation and inhibits membrane ruffling in CV1 cells, J. Cell Biol., 2001, 152:867-876	
<i>JP</i> ✓	AO	Zhang et al., Phosphatidylinositol signalling reactions, Semin. Cell Dev. Biol., 1998, 9:153-160	
EXAMINER <i>Rum Hill</i>		DATE CONSIDERED <i>9/5/02</i>	